

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/50969

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 G01N33/15 G01N13/00 B01F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q B01F G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/28717 A (CORTECS LTD ;BARNWELL STEPHEN GEORGE (GB); BURNS STEPHEN JOHN (GB)) 19 September 1996 (1996-09-19)	1,9
A	page 3, line 23 -page 4, line 18; figures page 5, line 6 - line 24; figures	10
X	US 3 801 280 A (PEOT C ET AL) 2 April 1974 (1974-04-02) column 3, line 26 - line 47 column 4, line 10 - line 12; figures 1,2 column 5, line 64 - line 66 column 6, line 55 - line 65	1,10,11
X	DE 197 25 015 A (BAYER AG) 17 December 1998 (1998-12-17) column 2, line 27 - line 37; figures	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

21 April 2004

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PCT/EP 03/50969

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 39 398 A (HOECHST MARION ROUSSEL DE GMBH) 16 March 2000 (2000-03-16) column 3, line 2 - line 17; figure 1 ----	1
A	DE 198 80 832 C (KRAEMER NORBERT) 7 June 2001 (2001-06-07) column 6, line 36 - line 40; figures 1,2 column 7, line 8 - line 14 ----	1
A	US 5 827 984 A (SINNREICH JOEL ET AL) 27 October 1998 (1998-10-27) column 6, line 28 - line 41; figure 1 ----	1
A	US 5 796 016 A (MUELLER WERNER G) 18 August 1998 (1998-08-18) column 1, line 6 - line 17 column 2, line 57 - line 65; figure 4 ----	1
A	US 5 412 979 A (FASSIHI ALIREZA D) 9 May 1995 (1995-05-09) cited in the application column 2, line 37 - line 65; figures ----	1
A	US 3 572 648 A (HANSON WILLIAM A) 30 March 1971 (1971-03-30) column 1, line 27 - line 41 column 2, line 1 - line 28 column 4, line 1 - line 26; figure 2 ----	1
A	US 5 989 581 A (GROENEWEGEN RUDOLF JOHANNES JO) 23 November 1999 (1999-11-23) cited in the application -----	

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/EP 03/50969

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9628717	A	19-09-1996	AU 4885396 A	02-10-1996
			BR 9607230 A	11-11-1997
			CA 2214998 A1	19-09-1996
			EP 0815427 A1	07-01-1998
			FI 973639 A	09-09-1997
			WO 9628717 A1	19-09-1996
			JP 11503517 T	26-03-1999
			NO 974156 A	09-09-1997
			ZA 9601920 A	08-09-1997
US 3801280	A	02-04-1974	CA 966332 A1	22-04-1975
			CH 558016 A	15-01-1975
			DE 2253376 A1	17-05-1973
			FR 2160193 A5	22-06-1973
			GB 1372494 A	30-10-1974
			IT 966466 B	11-02-1974
			JP 48059896 A	22-08-1973
			JP 54016237 B	20-06-1979
DE 19725015	A	17-12-1998	DE 19725015 A1	17-12-1998
DE 19839398	A	16-03-2000	DE 19839398 A1	16-03-2000
			AU 5734999 A	21-03-2000
			WO 0013012 A1	09-03-2000
			EP 1110082 A1	27-06-2001
DE 19880832	C	07-06-2001	DE 19739382 A1	10-12-1998
			DE 19880832 C1	07-06-2001
			DE 19880832 D2	30-09-1999
			AU 8430498 A	30-12-1998
			WO 9857144 A1	17-12-1998
US 5827984	A	27-10-1998	AT 218205 T	15-06-2002
			AU 7533494 A	28-02-1995
			CA 2167196 A1	16-02-1995
			DE 69430701 D1	04-07-2002
			DE 69430701 T2	07-11-2002
			WO 9504923 A1	16-02-1995
			EP 0712490 A1	22-05-1996
			JP 3421770 B2	30-06-2003
			JP 9501238 T	04-02-1997
US 5796016	A	18-08-1998	DE 29519713 U1	01-02-1996
			DE 59608136 D1	13-12-2001
			EP 0779506 A2	18-06-1997
US 5412979	A	09-05-1995	NONE	
US 3572648	A	30-03-1971	NONE	
US 5989581	A	23-11-1999	AT 211646 T	15-01-2002
			AU 726934 B2	23-11-2000
			AU 6075198 A	15-10-1998
			BR 9801027 A	11-01-2000
			CA 2233753 A1	11-10-1998
			CN 1196930 A	28-10-1998
			CZ 9801102 A3	14-10-1998
			DE 69803112 D1	14-02-2002

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/50969

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5989581	A	DE 69803112 T2	18-07-2002
		DK 876815 T3	22-04-2002
		EP 0876815 A1	11-11-1998
		ES 2171283 T3	01-09-2002
		HK 1016886 A1	03-05-2002
		HU 9800863 A2	01-02-1999
		ID 21259 A	12-05-1999
		IL 123813 A	25-11-2001
		JP 10287549 A	27-10-1998
		NO 981638 A	12-10-1998
		NZ 330145 A	28-05-1999
		PL 325774 A1	12-10-1998
		PT 876815 T	31-07-2002
		RU 2206325 C2	20-06-2003
		SG 65061 A1	25-05-1999
		TR 9800648 A1	21-10-1998
		ZA 9802911 A	09-10-1998

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